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6 Pages

NPIC/R-246/64

April 1964

PHOTOGRAPHIC INTERPRETATION REPORT

NORTHEAST PROBABLE
ANTIMISSILE-MISSILE LAUNCH COMPLEX
LENINGRAD, USSR,

25X1



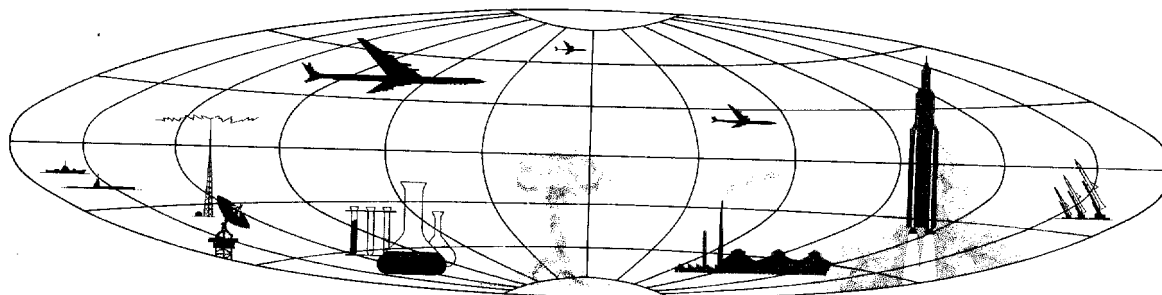
CIA



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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NORTHEAST PROBABLE ANTIMISSILE-MISSILE LAUNCH COMPLEX
LENINGRAD, USSR, [REDACTED]

25X1

25X1 The Leningrad Northeast Probable AMM
25X1 Launch Complex [REDACTED] at 60-05-
25X1 20N 30-44-00E (Figure 1) was observed on very
25X1 good quality oblique stereo [REDACTED] photog-
25X1 raphy from [REDACTED] with snow
25X1 conditions prevailing. This photography permits
25X1 a more detailed examination of facilities than
25X1 was possible with smaller scale [REDACTED]
25X1 photography from earlier missions. 1/ 2/

25X1 All measurements contained in this report
25X1 are the best obtainable within the current limits
25X1 of the [REDACTED] system and exploitation techniques.
25X1 There being no means in the system for deter-
25X1 mining camera attitude, precise attitude is un-
25X1 known and planned attitude is assumed. A
25X1 full analysis of the metric characteristics of
25X1 strip camera photography has not been com-
25X1 pleted. Wherever possible measurements have
25X1 been cross-checked with collateral information.

25X1 This report was prepared in response to
25X1 a CIA requirement requesting line drawings,
25X1 mensuration, and new information. Line
25X1 drawings of a typical launch site or segment
25X1 thereof and of the Probable Complex Control
25X1 Center with associated facilities are not feasible
25X1 because of snow cover.

25X1 Significant information obtained from [REDACTED]
25X1 [REDACTED] and not obtainable from prior smaller
25X1 scale [REDACTED] photography includes:

1. Apparent inactivity in the vicinity of the launch sites.
2. Number of bays (5) for each launch site curved building.
3. Height and width of measurable bays [REDACTED]
[REDACTED] Note measurements state-
ment.
4. Length, width, and height of all structures within the Support Area and the Barracks

Area. Note measurements statement.
Line drawings of the support and barracks areas (inset, Figure 2) are provided to furnish building dimensions including heights where possible. No missiles, launchers, ground support equipment or track activity are visible in the vicinity of the launch sites. Possible trackage in the snow is visible within the Support Area and there are indications of minor trackage at the Barracks Area just outside the complex to the south. The main road bypassing the complex to the southeast had been cleared of snow and portions of the road leading to an entrance east of the Launch Area appeared to have been cleared.

At least ten small unidentified vehicles are observed on the main access road near the complex entrance.

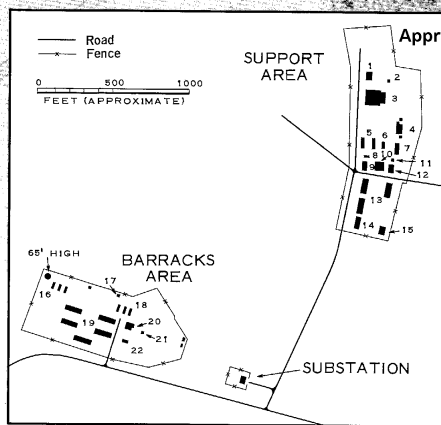
At the northernmost launch site, circular areas approximately 35 feet in diameter are apparent near the apex of the triangular positions opposite four of the curved buildings. At least three of the revetments at the launch sites remain incomplete (Figure 2) and a previously reported 2/ linear possible excavation still is evident extending between two positions at the northernmost site.

No structures comparable to the electronic facilities observed at the northwest and southwest complexes have been erected northwest and southwest of the Probable Complex Control Center. A pattern of partially snow covered features at each of these positions may be footings for structures. They were not discernible on the prior smaller scale photography.

There are five openings along the outer and inner sides of the curved buildings at the launch sites indicating that each building

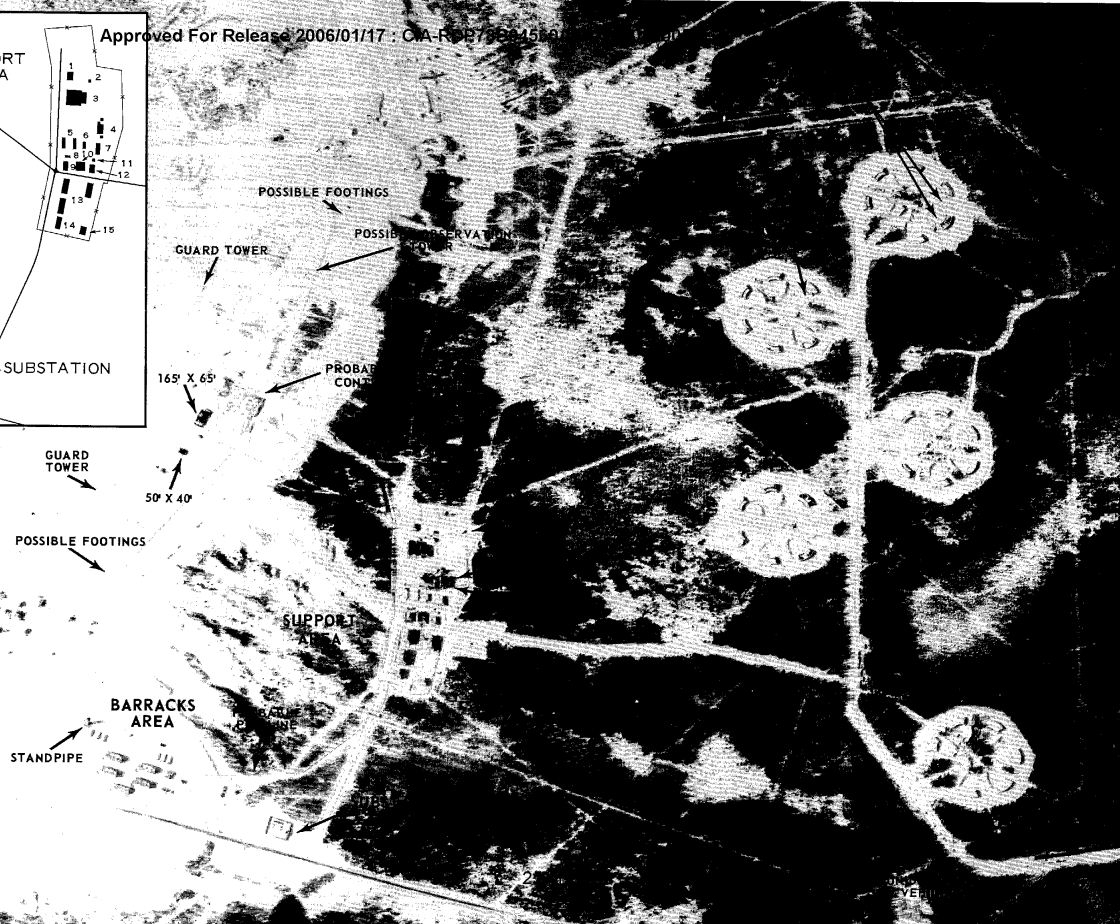
This map illustrates the Leningrad region, including the city of Leningrad and surrounding areas. The map shows the Gulf of Finland to the west, Lake Ladoga to the northeast, and the Neva River flowing into the city. Key locations marked include Kronshadt, Lomonosov, Krasnoye Selo, Pushkin, Kolpino, Gatchina, Tosno, and Vyrtsa. The map is divided into four quadrants: NORTHWEST, SOUTHWEST, NORTHEAST, and SOUTHWEST. A legend in the top right corner identifies symbols for SAM ring road, Road, Single track railroad, Double track railroad, Probable AMM launch complex, Possible AMM training facility, SA-2 SAM site, SA-3 SAM site, and SAM assembly / support facilities. A scale bar indicates distances in NAUTICAL MILES (0 to 10). The map also shows various SAM sites labeled with codes such as D30A, D30, D31, D32, D34A, D35, C30A, C31, C31A, C32A, C32B, C33, C34, C35, C36A, C36, C01, C01A, C02, C02A, C04, C04A, C05, C06, C06A, C08, C10, C11, C12, C14, C15, C16, C17, C18, C19, C20, C21, C21A, C22, C23, C24, C25, C26, C26B, C27, C28, C28A, B29A, B29, and C36A. The map is dated 1974 and is identified by the code NPIC H-049A 14/74.

FIGURE 1. PROBABLE AMM LAUNCH COMPLEXES AND SAM INSTALLATIONS NEAR LENINGRAD, USSR.



SUPPORT AREA			
BUILDING	LENGTH	WIDTH	HEIGHT
1	55'	50'	10'
2	20'	15'	20'
3	195'	105'	20'
4	80'	50'	20'
5 (2)	100'	20'	10'
6	60'	25'	15'
7	85'	55'	10'
8	35'	20'	10'
9	75'	50'	25'
10	85'	60'	10'
11	25'	25'	15'
12	65'	30'	15'
13 (3)	110'	60'	30'
14	85'	50'	30'
15	65'	45'	15'

BARRACKS AREA			
BUILDING	LENGTH	WIDTH	HEIGHT
16 (3)	60'	20'	5'
17	40'	20'	35'
18 (3)	65'	25'	15'
19 (5)	135'	40'	15'
20	70'	70'	15'
21	20'	20'	15'
22	40'	25'	15'



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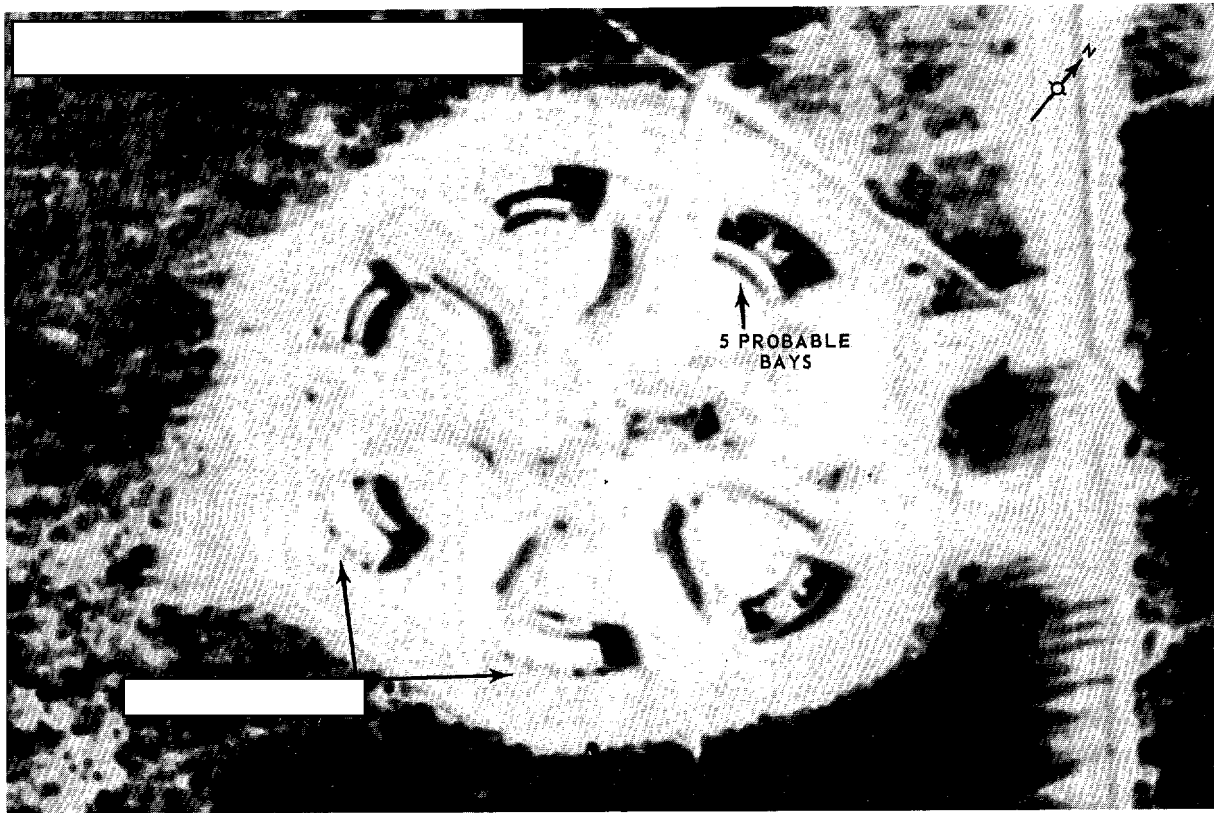


FIGURE 3. TYPICAL LAUNCH SITE

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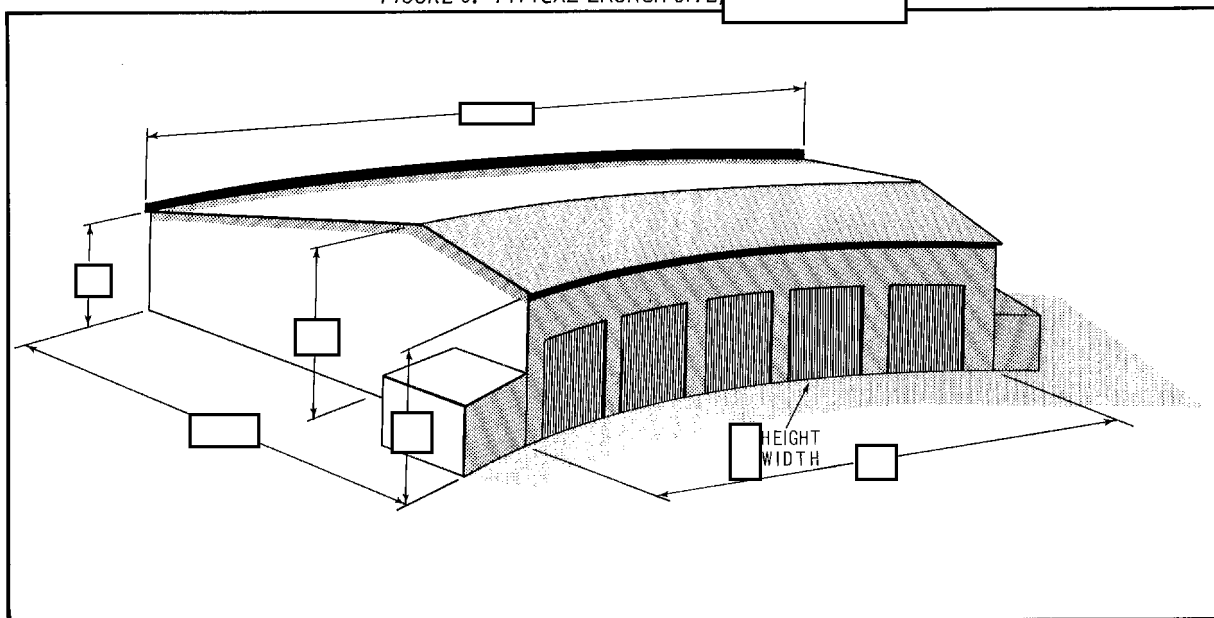


FIGURE 4. PERSPECTIVE OF CURVED BUILDING AT TYPICAL LAUNCH SITE.

NPIC H-9497 (4/64)

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probably contains five bays (Figure 3). A perspective (Figure 4) of a typical launch site curved building portrays an impression of the buildings as observed on [REDACTED] photography.

The Probable Complex Control Center appears essentially the same as it did on photog-

raphy of [REDACTED] with snow cover, so construction progress cannot be evaluated. The building appears partially earth covered.

The complex is enclosed by double fencing with guard towers.

25X1

REFERENCES

25X1

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0103-25HL, 3d ed, Jun 62, scale 1:200,000 (SECRET)

DOCUMENTS

1. NPIC. R-135/62, *Antimissile Missile Activity in the USSR*, Oct 62 (TOP SECRET [REDACTED])
2. NPIC. R-135/64, *Probable Antimissile-Missile Launch Complexes, Leningrad, USSR, Changes and Additions* [REDACTED]

25X1

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REQUIREMENT

CIA. ORR/C-RR4-81,217

NPIC PROJECT

N-392/64

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